A factor of a number is a number that divides the number with no remainder.

Number a is a factor of a number b if you can find another number c that makes a factor pair with a.

This means that axc=b

You find the factors of a number by testing each whole number starting with 1. To test a number you divide it into the target number to see if it is a divisor of the target number. The quotient is also a factor you can continue until you begin to get repeats. Then you have them all.

Prime numbers have exactly to factors themselves and 1.composite numbers have more than 2 factors the number 1 is neither prime nor composite .it has only 1 factor it satisfies neither criterion.

The multiples of a number are all the number that the original number a divides evenly. The least multiples of a number a is ax1 which equals a. this means that every number is a multiple of itself. To find other multiples you multiply the target number a by any whole number.

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